

ACKNOWLEDGMENTS

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LITERATURE CITED

- BLISS, M. 1986. The morphology, fertility and chromosomes of *Mimulus glabratus* var. *michiganensis* and *M. glabratus* var. *fremontii* (Scrophulariaceae). Amer. Midl. Naturalist 116:125–131.
- FASSETT, N. C. 1939. Notes from the herbarium of the University of Wisconsin—XVIII. Rhodora 41:524–529.
- FISH AND WILDLIFE SERVICE. 1985. Endangered and threatened wildlife and plants; review of plant taxa for listing as endangered or threatened species. Federal Register 50(188):39526–39584.
- GRANT, A. L. 1924. A monograph of the genus *Mimulus*. Ann. Missouri Bot. Gard. 11:99–389.
- HUMBOLDT, A. VON, A. BONPLAND, and C. S. KUNTH. 1817. Voyage de Humboldt et Bonpland. Sixieme Partie. Botanique. Nova genera et species plantarum. 2: 369–371. Libraire Grecque-Latine-Allemande, Paris.
- PENNELL, F. W. 1935. The Scrophulariaceae of eastern temperate North America. Monogr. Acad. Nat. Sci. Philadelphia 1:1–650.
- REICHE, J. S. 1911. Flora de Chile, Vol. 6, Part 1. Moneda, Barcelona.
- VAVILOV, N. I. 1949/50. The origin, variation, immunity and breeding of cultivated plants. (trans. by K. S. Chester). Chron. Bot. 13:(1/6).
- VICKERY, R. K., JR. 1978. Case studies in the evolution of species complexes in *Mimulus*. Evol. Biol. 11:404–506. Plenum, New York.
- , S. A. WERNER, D. R. PHILLIPS, and S. R. PACK. 1985. Chromosome counts in section *Simiolus* of the genus *Mimulus* (Scrophulariaceae). X. The *M. glabratus* complex. Madroño 32:91–94.

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 NOTEWORTHY COLLECTIONS

WASHINGTON

HERIBAUDIELLA FLUVIATILIS (Areschoug) Svedelius (PHAEOPHYTA, ECTOCARPALES, LITHODERMATAEAE). Chelan Co., between mileposts 184 and 185 on Hwy 97 (47°22'N, 120°38'W) in Peshastin Creek, 12 Aug 1989, abundant as discoid to irregular crusts, 100–150 μ m thick and 0.5–30 cm diam. on large rocks in fast flowing water (13°C) that was partially shaded, *West s.n.* (UC).

Significance. Brown algae are relatively rare in freshwater habitats. *Heribaudiella fluviatilis* was known previously in Europe, China, Japan, British Columbia, and one locality at Nighthawk, Washington on the Similkameen River, 200 km N of the Peshastin Creek site (Wehr and Stein. J. Phycol. 21:81–92, 1985).—JOHN A. WEST, Department of Plant Biology, University of California, Berkeley, CA 94720.